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(54) **Method for plating and plating solution thereof**

(57) A solution is described, in particular for electroless deposition of a metal on a polyimide substrate. The solution from which the metal is deposited, comprises a source of metal ions; a reducing agent; an additive to adjust the pH of said bath to a predetermined value; and an aromatic sulfonic acid. The solution is used in a meth-

od for electroless deposition of a metal onto a substrate wherein the substrate preferably comprises polyimide exposed at a surface thereof. The method of the present invention provides a metal layer which shows good adhesion towards the polyimide substrate and which is very smooth and does not need any additional smoothing treatment.

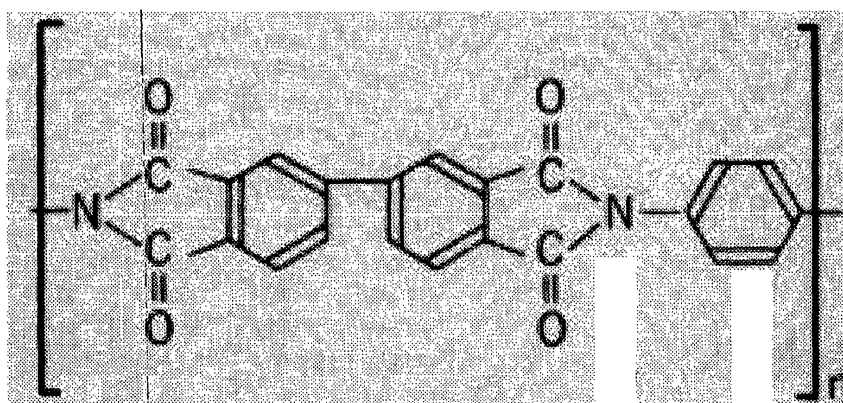


Fig. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 04 44 7010

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 5 269 838 A (INOUE MANABU ET AL) 14 December 1993 (1993-12-14)	1-8, 10-14,16	C23C18/40
Y	* column 2, lines 5-9,26-65; claims 1,11 * * column 4, line 62 - column 5, line 5 * * column 6, line 19 * * column 9, lines 64,65 *	9	C23C18/40 C23C18/48 C23C18/31
X	US 3 436 233 A (JACKSON HENRY) 1 April 1969 (1969-04-01)	13,15,16	
Y	* column 2, lines 54-58; claims 1,10 * * column 3, lines 1-32; examples 33,34 * * column 12, lines 52-58 *	9	
X	US 3 708 329 A (SCHONENBERG L) 2 January 1973 (1973-01-02) * column 2, lines 37-45,60 - column 3, line 6; claims 1,10 * * column 4, lines 34-37 * * column 6, lines 11-15 *	13,15	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			C23C
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		14 December 2004	Gault, N
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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